Environmental Modeling Analytics Track

Core in the area of Environment combined with a Computer Science (CS) Minor

General Department Requirements (GDR)
Core (CORE)
Course 6 Minor (6M)
Restricted Elective (RE)
Unrestricted Electives (UE)
Humanities, Arts, and Social Sciences (HASS)

	FALL	REQ	SPRING	REQ
Sophomore	18.03 Differential Equations (12)	GDR	1.073 Introduction to Data Analysis (6)	GDR
	1.010 Probability and Causal Inference (12)	GDR	1.080 Environmental Chemistry (12)	CORE
			1.060 Fluid Mechanics (12)	CORE
	1.000 Computer Programming for Engineering Applications /OR/ 6.00 Introduction to Computer Science /OR/ 6.0001+6.0002 (12)	GDR 6M 6M	6.042 Mathematics for Computer Science (12) 6.009 Fundamentals of Programming (12)	CORE 6M/UE
	1.018 Fundamentals of Ecology (12)	CORE		6M/UE
Junior	1.061A Transport Process in the Environment I (6)	CORE	1.091 Traveling Research Environmental eXperience (TREX): Fieldwork (3, IAP)	CORE
	1.070A Introduction to Hydrology and Water Resources (6)	CORE	6.006 Introduction to Algorithms (12)	6M
	1.106 Environmental Transport Processes and Hydrology Lab (6)	CORE	1.107 Environmental Chemistry & Biology Lab (6)	CORE
	6.008 Introduction to Inference (12)	UE	1.063 Fluids and Diseases (12)	RE
	HASS (12)		HASS (12)	
	HASS (12)		HASS (12)	
Senior	18.06 Linear Algebra (12)	RE	1.013: Capstone (12)	GDR
	1.022 Introduction to Network Models /OR/ 1.203 Applied Probability and Stochastic Models (12)	RE RE	1.087 Ecological Dynamics and Modeling (12)	RE
	6.036 Introduction to Machine Learning (12)	6M/UE	1.020 Engineering Sustainability: Analysis and Design (12)	UE
	HASS (12)		HASS (12)	

Up to 24 units of the Course 6 minor classes can double count as requirements for Course 1
Please contact cee-apo@mit.edu if you have any questions.